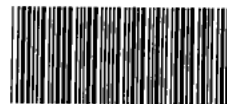




992 OLD EAGLE SCHOOL ROAD, SUITE 916
WAYNE, PENNSYLVANIA 19087
215-687-9510

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July 24, 1986
R-585-8-5-22
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107

Subject: Peer Review Comments
TDD No. F3-8506-14
Pigeon Point Landfill
New Castle, Delaware

Dear Mr. Byer:

Submitted herewith are the responses to peer review comments for the subject project.

Ground Water Route

- o Reference nos. 10, 16, and 19 were added to this section as documentation for contaminants detected.
- o Well no. 49 was deleted from the discussion for an observed release of ethylbenzene.
- o The results of analyses performed on monitoring well samples 28 and 29 have been removed from reference no. 19, page 1.
- o Reference no. 4 was added to provide pertinent well information (i.e., well locations, depths, geologic formation, etc.).

Aquifer of Concern

- o A discussion of the interconnection of the Columbia and Potomac Formations, as evidenced by vertical migration of contaminants attributable to the site, was added to the text.

PFE

ORIGINAL
(Red)

Mr. Harold Byer
U.S. Environmental Protection Agency
July 24, 1986 - Page 2
Pigeon Point Landfill Peer Review Comments

- o Citing the geologic cross section that is included in reference no. 5, page 128, as a separate reference (reference no. 17) simplifies the reviewer's task and presents clearer documentation. As such, it is felt that it is unnecessary to remove reference no. 17 from the reference package.

Groundwater Use

- o Reference no. 6 is incorrect and has been removed from the reference packet (see reference no. 7).
- o Reference no. 7 has been replaced with an accurate target population map. This map shows well locations and delineates the distribution systems of the water supply companies serving the area within a 3-mile radius of the site.

Population Served

- o The water supply and distribution for the subject target population has been re-evaluated and included as reference no. 7.
- o The ICI Americas, Incorporated - Atlas Point Plant utilizes 4 production wells combined with water from an alternate, unthreatened public water supply for their potable and industrial water supplies.
- o See reference no. 7 for delineation of water supplies and distribution within the subject study area.

Surface Water Route

- o This section has been re-evaluated in accordance with the reviewer's comments. The surface water route score is 0.

Direct Contact Route

- o This section has been re-evaluated in accordance with the reviewer's comments. The direct contract route score is 0.

If you have any further questions, please contact me.

Respectfully submitted,

"non responsive based on revised scope"

[Redacted Signature]

Geologist

Reviewed by,

"non responsive based on revised scope"

[Redacted Signature]

Senior Staff Scientist

Approved by,

"non responsive based on revised scope"

[Redacted Signature]

Manager, FIT III

"non responsive based on revised scope"

[Redacted Signature]